

Generation of Mab to IFN α

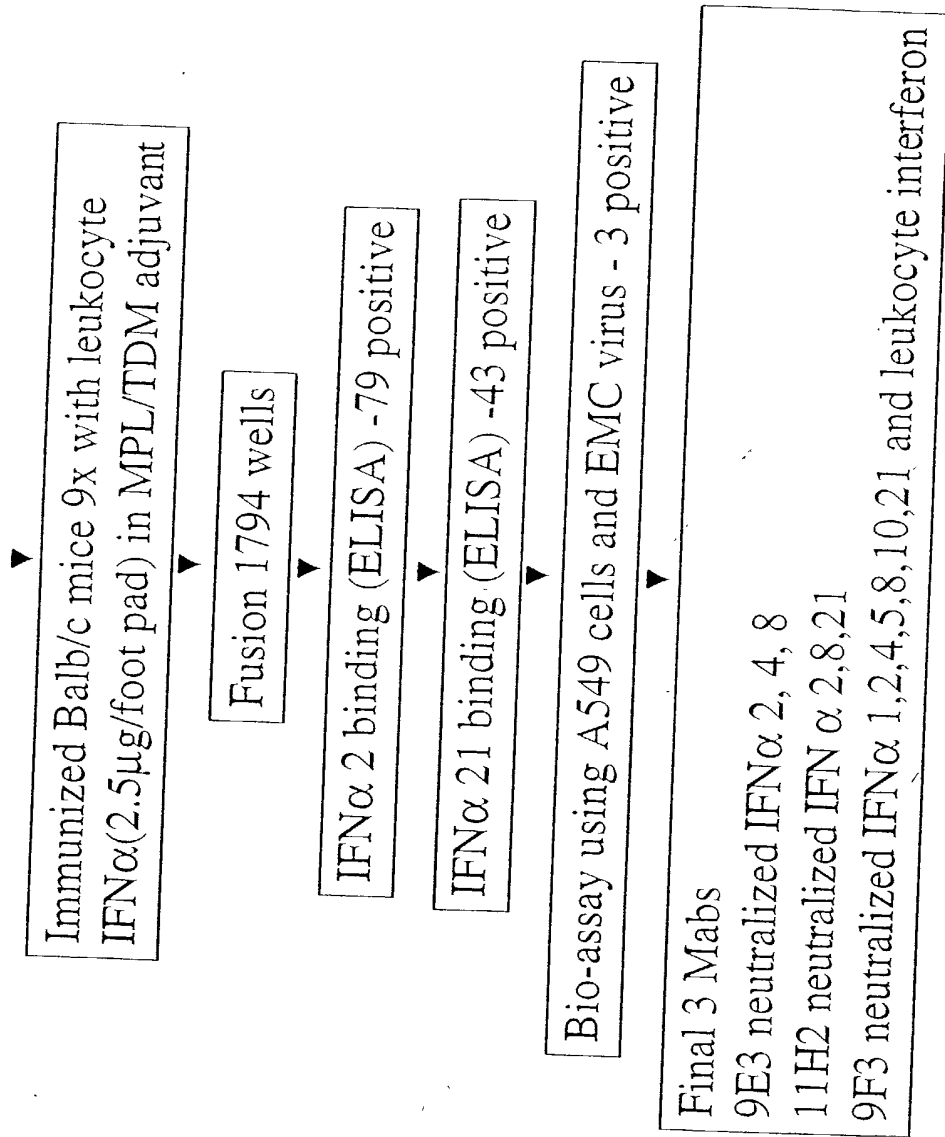


FIGURE 1

Neutralization of IFN-alpha activities by mAb 9F3

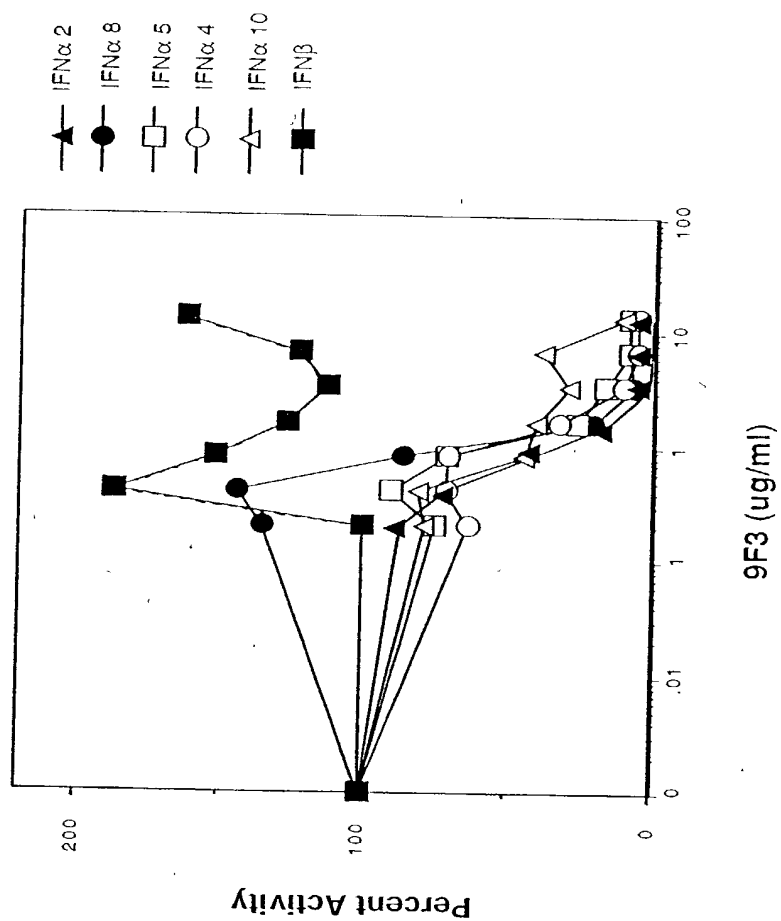


FIGURE 2

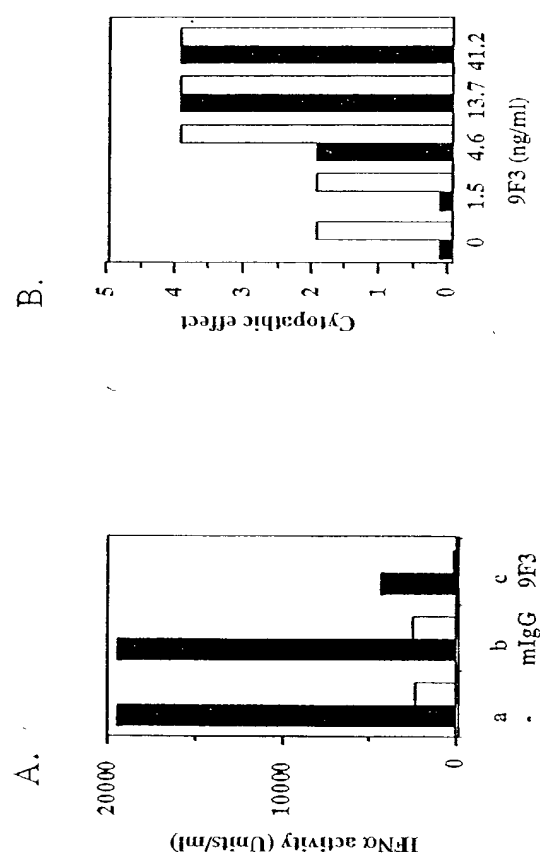


FIGURE 3

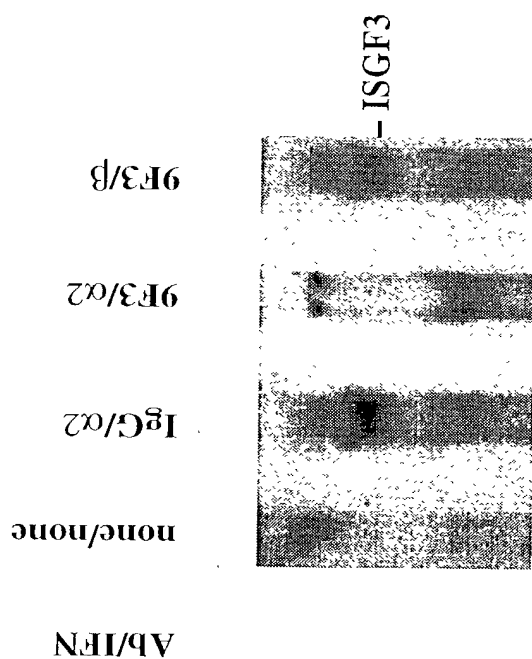


FIGURE 4

Figure 5A

Variable Light Domain

```

      1      10      20      30 abcd      40
murine DIVLTQSPASLAVSLGQRATISCRASQSVSTSSYSYMHWYQQKPGQPPKVLIS
      **      *      ** * * * *      **
V13    DIQMTQSPSSLSASVGDRVTITCRASQSVSTSSYSYMHWYQQKPGKAPKVLIS
                        * * * * *      * *
hukI   DIQMTQSPSSLSASVGDRVTITCRASQISN----YLAWYQQKPGKAPKLLIY
                        -----

      50      60      70      80      90
murine YASNLESGVPARFSGSGSGTDFTLNHPVEEGDTATYFCQHSWGIPRTF
      *                        * * * * * * *
V13    YASNLESGVPSRFSGSGSGTDFTLTISLQPEDFATYYCQHSWGIPRTF
      * *                        * * * * *
hukI   AASSLESGVPSRFSGSGSGTDFTLTISLQPEDFATYYCQQYNLPLWTF
      -----

      100
murine GAGTKLELRRAV
      * * * *
V13    GQGTKVEIKRTV
hukI   GQGTKVEIKRTV
```

206070" 9694400T

Figure 5B

Variable Heavy Domain

	1	10	20	30	40	
murine	EVQLQQSGPELVKPGASVKISCKTSGYTFTEYIIHWVKQGHGRSLEWIG					
	** ** * * *** *					
V13	EVQLVESGGGLVQPGGSLRLSCATSGYTFTEYIIHWVRQAPGKGLEWVA					
	* * ** ***					
huIII	EVQLVESGGGLVQPGGSLRLSCAASGFTFSSYAMSWVRQAPGKGLEWVA					

	50	a	60	70	80	abc
murine	SINPDYDITNYNQRFK GKATLTLDKSSRTAYLELRSLTSEDSAVYYCAS					
	* * * * *					
V13	SINPDYDITNYNQRFKGRFTISLDKSKRTAYLQMNSLRAEDTAVYYCAS					
	* * * * * * * * * *					
huIII	VISGDGGSTYYADSVKGRFTISRDNSKNTLYLQMNSLRAEDTAVYYCAR					

	100					
murine	WISDFFDYWGQGTTLMVSAAS					
	* * * *					
V13	WISDFFDYWGQGLTVTVSSAS					

huIII	GRVGYDYWGQGLTVTVSSAS					

20044896.010902

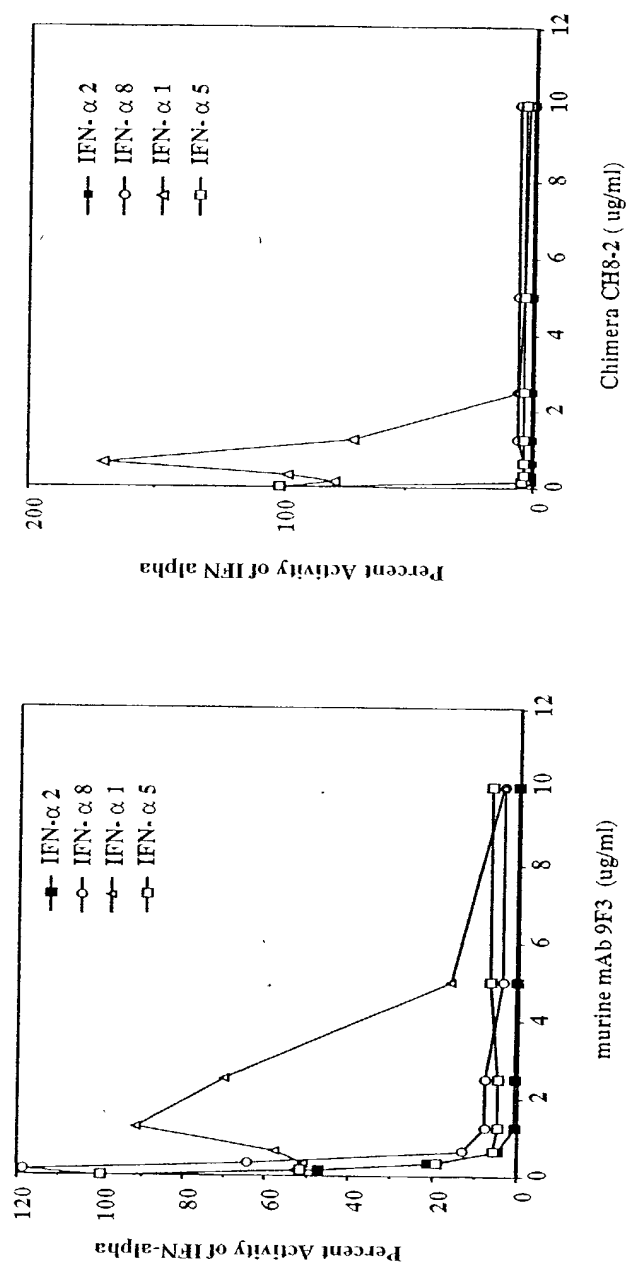


FIGURE 6

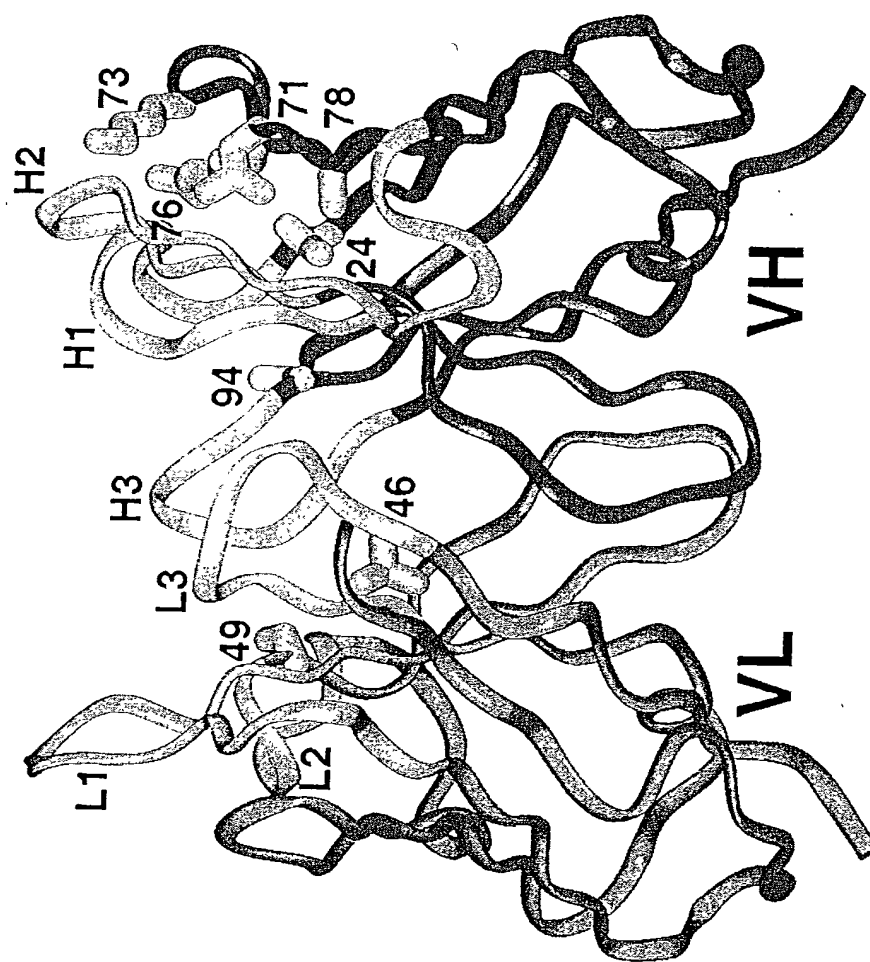


FIGURE 7